

Cyclohexane  
110-82-7 | DTXSID4021923

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

## Model Results

**Predicted value:** 59.1

**Global applicability domain:** Inside

**Local applicability domain index:** 5.20e-01

**Confidence level:** 6.57e-01

## Nearest Neighbors from the Training Set

Image not found

Cyclohexane

**Measured:** 83.2

**Predicted:** 59.1

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Methylcyclohexane

**Measured:** 186

**Predicted:** 233

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Butyl ether

**Measured:** 72.4

**Predicted:** 32.3

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Quinoline

**Measured:** 3.80

**Predicted:** 6.66

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Benzene

**Measured:** 4.27

**Predicted:** 10.0